

# RUBBERIZED ASPHALT CONCRETE



The Rubberized Asphalt Concrete (RAC) Grant Program is a grant program sponsored by the Department of Resources Recycling and Recovery (CalRecycle) that provides funds to agencies that use recycled tires when resurfacing roads. There are many good reasons to use RAC on city streets:

- RAC is environmentally friendly, because it uses ground rubber, derived from recycled auto and light truck tires. Utilizing these tires keeps them out of landfills and illegal dumps.
- 2 inches of RAC has the same strength as 4 inches of conventional asphalt.
- RAC can have lower maintenance costs because when designed and constructed properly, it lasts up to 50% longer and is better at resisting cracking.
- RAC has better skid resistance.
- RAC stays darker, making a better contrast for traffic markings.
- Streets constructed of RAC have a lower noise level from traffic.

The streets paved in 2009 and 2010 with RAC, with the help of a \$123,000 grant from CalRecycle, include:

- Central Avenue, Webster Street to Pacific Avenue, 6,500 tires
- Buena Vista Avenue, Grand Street to Willow Street, 2,300 tires
- Fernside Boulevard, High Street to Thompson Street, 2,600 tires
- Total Waste Tires Diverted in 2009-10, 11,400 tires

In 2006, the City of Alameda paved several streets with the help of a \$175,000 grant from CalRecycle, which was at the time called California Integrated Waste Management Board. These streets included:

- Atlantic Avenue south side (from Webster Street to Constitution Way), 290 tires
- Aughinbaugh Way (from Robert Davey Jr. Drive to Baywalk Road.), 1,500 tires
- Chestnut Street (from Lincoln Avenue to Buena Vista Avenue), 1,230 tires
- Grand Street (from Lincoln Avenue to Encinal Avenue), 1,500 tires
- Maitland Drive (from Fitchburg Avenue to 350' to the East), 370 tires
- Mecartney Road (from Island Drive to Aughinbaugh Way), 6,570 tires
- Portola Avenue (from Eighth Street to east end), 370 tires
- Third Street (from Santa Clara Avenue to Pacific Avenue), 820 tires
- Willow Street (from Lincoln Avenue to Clement Street), 1,450 tires
- Total Waste Tires Diverted in 2006, 14,100 tires

For more information on CalRecycle's Tire Grant program, see:  
<http://www.calrecycle.ca.gov/Tires/Grants/default.htm>

